

# **Industrial Boilers**

**Boilers are some of the most common sources of combustion emission and range in use from small fire tube Boilers to large utility boilers associated with power plant facilities. This course discusses uses of boilers, heat transfer methods and the fundamentals of operation of modern industrial & utility boilers including those fired by natural gas, biomass, municipal waste and coal. This course also discusses steam turbines & power generation. This is followed by a detailed discussion on emissions and control techniques such as Low-NOx burners, FGR, staged combustion, SCR & SNCR. New technologies such as Ultra Low-NOx 9 ppm burners, applicable federal & local BACT regulations, permitting requirements, and agency inspection procedures and safety concerns are thoroughly discussed.**

**Hard Hat, Safety Shoes & Glasses required.**

***September 21, 2010****(full day)*  
***September 22, 2010****(half day)*

**8:30 AM - 5:30 PM**

**San Joaquin Valley APCD**

**Kawah Room**

**34946 Flyover Court**

**Bakersfield, CA 93308**



REGISTER ONLINE: <http://www.arb.ca.gov/training/registration/registration.php>

Course Web page: <http://www.arb.ca.gov/training/courses.htm>

Registration Information: [arbtrain@arb.ca.gov](mailto:arbtrain@arb.ca.gov)